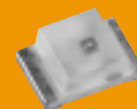




Product Guide

F_1112H Series Thin Type AlInGaP SMT LED



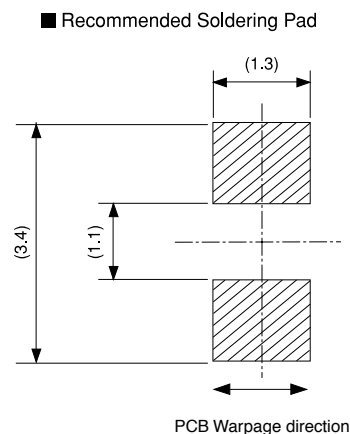
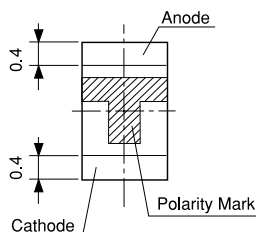
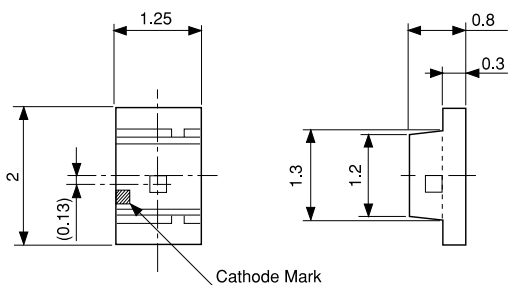
Features

- Compact 2012 (0805) package with super bright AlInGaP die
- Excellent for membrane switch panels and indicators

Applications

- Mobile devices (cellular telephones, PDAs, pagers)
- Audio visual equipment
- Telecommunications

Outline Dimensions



Unit: mm
Tolerances ± 0.1

Electro-Optical Characteristics

(Ta=25°C)

Part No.	Material	Emitted Color	Lens Color	Luminous Intensity I _V			Wavelength				Forward Voltage V _F			Reverse Current I _R		Viewing Angle (2 θ 1/2)
				MIN.	TYP.	I _F	Peak λ _p TYP.	Dominant λ _d TYP.	Spectral Line Half Width Δλ TYP.	I _F	TYP.	MAX.	I _F	MAX.	V _R	
FR1112H	AlInGaP	Red	Milky White	25	50	20	635	626	15	20	1.9	2.4	20	100	5	150°
FA1112H	AlInGaP	Orange		25	65	20	609	605	15	20	1.9	2.4	20	100	5	
FY1112H	AlInGaP	Yellow		25	65	20	592	590	15	20	1.9	2.4	20	100	5	
Units				mcd		mA	nm			mA	V		mA	μA	V	Deg.

